```
20040905.ba v03_n702.bam.20040905

>From ???@??? Sun Sep  5 07:54:05 2004 -0500
Message-Id: <200409051253.i85Crkpi000039@sco.theporch.com>
Date: Sun,  5 Sep 2004 07:53:26 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3702

                  BOATANCHORS Digest 3702

Topics covered in this issue include:

  1) Re: Eliminating the 4H4, Maybe
     by "Benjamin D. Hall" <kd5byb@earthlink.net>
  2) Re: Eliminating the 4H4, Maybe
     by wb3fau@att.net
  3) Re: Eliminating the 4H4, Maybe
     by "Brian Clarke" <brianclarke01@optusnet.com.au>
  4) Re: Eliminating the 4H4, Maybe
     by "Tom Rauch" <w8ji@contesting.com>
  5) Re: Eliminating the 4H4, Maybe
     by Garey Barrell <k4oah@mindspring.com>
  6) Re: Eliminating the 4H4, Maybe
     by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
  7) Re: Eliminating the 4H4, Maybe
     by "Benjamin D. Hall" <kd5byb@earthlink.net>
  8) Re: Eliminating the 4H4, Maybe
     by wb3fau@att.net
  9) Re: Eliminating the 4H4, Maybe
     by wb3fau@att.net
 10) Crystal Source
     by "JAMES HANLON" <knjhanlon@msn.com>
 11) NOS Coils/Forms for sale
     by john <johnmb@nc.rr.com>
 12) Shelby fester
     by Chuck Swiger <cswiger@widomaker.com>
 13) Have a spare DM-28, if you need, write. Also looking for some TM's
 or shcematics on-line for ...
     by AH7I <ah7i@atl.org>
 14) For sale: GP-7 tuning unit for 40 meter ham band.
     by Meyer Gottesman <wrecktech@yahoo.com>
 15) Re: Eliminating the 4H4, Maybe
     by WA1KBQ@aol.com

----------------------------------------------------------------------
Message-Id: <6.1.2.0.0.20040902230844.01b79440@pop.earthlink.net>
Date: Thu, 02 Sep 2004 23:10:30 -0500
```

To: Old Tube Radios <boatanchors@theporch.com>
From: "Benjamin D. Hall" <kd5byb@earthlink.net>
Subject: Re: Eliminating the 4H4, Maybe
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hey all,

It's stupid question time!

The 4H4 is a ballast tube right? Meant to act as a current-limiter?

Since it is rare and hard to find, couldn't it be replaced by a solid-state voltage regulator (like and LM317T) configured as a current limiter?

Or I have I drank too much beer tonight?

thanks and 73,
ben

At 09:00 PM 9/2/2004, WA5JCI wrote:
>Well, I finally found the NC 303 book but the mod sheet wasn't there, but
>here's the gist of it.
>
>Take out V7, the oscillator tube. Attach MPF 102 or other suitable JFET to
>the plate, grid 1 and cathode pins. From the unregulated voltage pin of
>V11, which can now be removed, a series dropping resistor is needed. A
>little Ohn's law will fix you up there. Remove the end of R34 the 10K
>resistor from the tube socket, guess that should have been done first.
>Bypass the cold end of the added dropping resistor and add about a 1K Ohm
>resisistor from there to the plate pin of V7, now the JFET drain. Seems like
>I had to change the 100K R31 resistor to 47 K to get it to oscillate, it's
>been 15 years so give me a break, and nope, I'm not gonna get the receiver
>down and take a look.
>
>Easier than it sounds, tinkering can be fun!

From the computer of Benjamin D. Hall, kd5byb@earthlink.net.
Northern Alabama, USA.

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Benjamin D. Hall" <kd5byb@earthlink.net>,
Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Eliminating the 4H4, Maybe
Date: Fri, 03 Sep 2004 05:08:38 +0000

Message-Id:
<090320040508.20781.4137FC54000E39220000512D21587667559A0E00CC0D99@att.net>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="NextPart_Webmail_9m3u9jl4l_20781_1094188118_0"

--NextPart_Webmail_9m3u9jl4l_20781_1094188118_0
Content-Type: text/plain
Content-Transfer-Encoding: 8bit

Boys, please understand, the idea of a current regulator for that filament
osc.
sounds like a great idea. what they found out later- using the 6V6 as a sub-
was
that there was not that much difference using it or not. Maybe just a bit
better on
10 meters. So you don't need to build this solid state regulator. If you
want the
4H4C, it can be had. Amperite is still in business. they get about $40 a copy.
Too much, so just plug in a 6V6 and be done with it.

-------------- Original message from "Benjamin D. Hall" : --------------

> Hey all,
>
> It's stupid question time!
>
> The 4H4 is a ballast tube right? Meant to act as a current-limiter?
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> ---
> From the computer of Benjamin D. Hall, kd5byb@earthlink.net.
> Northern Alabama, USA.
>
--NextPart_Webmail_9m3u9jl4l_20781_1094188118_0
Content-Type: text/html
Content-Transfer-Encoding: 8bit

<html>
<!-- BEGIN WEBMAIL STATIONERY -->
<head><style type='text/css'>
p {
margin: 0px;
}
</style></head>
<body>
<!-- WEBMAIL STATIONERY noneset -->
<P>Boys,&nbsp; please understand,&nbsp; the idea&nbsp; of&nbsp; a current&nbsp;
regulator for&nbsp; that filament osc.</P>
<P>sounds&nbsp; like a great idea.&nbsp; what they found&nbsp; out later-
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<P>that there was&nbsp; not that much difference using it&nbsp; or not.&nbsp;
Maybe just a bit better on </P>
<P>10 meters.&nbsp; So you don't&nbsp; need to build this solid state
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<P>4H4C,&nbsp; it can be had.&nbsp; Amperite is still in business.&nbsp; they get
about&nbsp; $40 a copy.</P>
<P>Too much, so&nbsp; just plug&nbsp; in a 6V6 and&nbsp; be done with it.&nbsp;
<BR></P>
<BLOCKQUOTE style="PADDING-LEFT: 5px; MARGIN-LEFT: 5px; BORDER-LEFT: #1010ff 2px
solid">-------------- Original message from "Benjamin D. Hall"
<KD5BYB@EARTHLINK.NET>: -------------- <BR><BR>&gt; Hey all, <BR>&gt; <BR>&gt;
It's stupid question time! <BR>&gt; <BR>&gt; The 4H4 is a ballast tube right?
Meant to act as a current-limiter? <BR>&gt; <BR>&gt; Since it is rare and hard to
find, couldn't it be replaced by a solid-state <BR>&gt; voltage regulator (like
and LM317T) configured as a current limiter? <BR>&gt; <BR>&gt; Or I have I drank
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sounds, tinkering can be fun! <BR>&gt; <BR>&gt; --- <BR>&gt; From the computer of
Benjamin D. Hall, kd5byb@earthlink.net. <BR>&gt; Northern Alabama, USA. <BR>&gt;
</BLOCKQUOTE>
<!-- END WEBMAIL STATIONERY -->

</body>
</html>

--NextPart_Webmail_9m3u9jl4l_20781_1094188118_0--

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Message-ID: <008601c49175$d4c1fa60$0404a8c0@brian>
From: "Brian Clarke" <brianclarke01@optusnet.com.au>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: Eliminating the 4H4, Maybe
Date: Fri, 3 Sep 2004 15:21:12 +1000
MIME-Version: 1.0
Content-Type: multipart/alternative;
     boundary="----=_NextPart_000_0083_01C491C9.A5C631A0"

This is a multi-part message in MIME format.

------=_NextPart_000_0083_01C491C9.A5C631A0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi Ben,
I reckon you're right. I've just finished replacing a ballast resistor =
and so-called=20
voltage regulator tube in an AM-65 - works far better than the original =
combo.
73 de Brian, VK2GCE.
  You suggested:
  Since it is rare and hard to find, couldn't it be replaced by a =
solid-state=20
  voltage regulator (like a LM317T) configured as a current limiter?
------=_NextPart_000_0083_01C491C9.A5C631A0
```

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*         ---REMAINDER OF MESSAGE TRUNCATED---             *
*     This post contains a forbidden message format        *
*  (such as an attached file, a v-card, HTML formatting)   *
*    Mail Lists at theporch.com only accept PLAIN TEXT     *
* If your postings display this message your mail program  *
* is not set to send PLAIN TEXT ONLY and needs adjusting   *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
```

------=_NextPart_000_0083_01C491C9.A5C631A0--

Message-ID: <007a01c49188$19538420$6601a8c0@akorn.net>
From: "Tom Rauch" <w8ji@contesting.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Eliminating the 4H4, Maybe
Date: Fri, 3 Sep 2004 03:31:50 -0400
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I reckon you're right. I've just finished replacing a ballast resistor and so-called voltage regulator tube in an AM-65 - works far better than the original combo.
73 de Brian, VK2GCE.
  You suggested:
  Since it is rare and hard to find, couldn't it be replaced by a solid-state
  voltage regulator (like a LM317T) configured as a current limiter?<<<

I think you could probably use a full wave rectifier and filter cap with the 317 shunting what would be the dc output, and put the AC input side in series with the supply. I've done something similar with power FET's.

Message-ID: <413872B8.6080401@mindspring.com>
Date: Fri, 03 Sep 2004 09:33:44 -0400
From: Garey Barrell <k4oah@mindspring.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Eliminating the 4H4, Maybe
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Ben -

Yes, yes, yes and maybe! :-)

National thought it was a good idea to begin with, and used the 4H4-C in the HRO-50/60's and NC-300/303. It regulates the filament current in the VFO and Mixer in the HRO's and the VFO only in the NC30x's. It was a problem child from the beginning, and since the 4H4-C was not a stock item even in the early 50's, National recommended that a 6V6GT tube be plugged in it's place "while waiting for a replacement" 4H4-C.

Continued high failure rates caused them to recommend in FSN-31 in March, 1956 to add a 2.2 ohm series resistor in the regulated string.

Finally, in November 1956 they threw in the towel in FSN-41 and said to just toss the 4H4-C and plug in a 6V6GT.   "The additional drift caused by this substitution will not exceed 250 to 300 cycles at 29 megacycles, which is negligible."   !!

Realistically, with line voltages as steady as they normally are today, the variation is probably much less than that.

73, Garey - K4OAH
Atlanta

Benjamin D. Hall wrote:

> Hey all,
>
> It's stupid question time!
>
> The 4H4 is a ballast tube right? Meant to act as a current-limiter?
>
> Since it is rare and hard to find, couldn't it be replaced by a solid-state voltage regulator (like and LM317T) configured as a current limiter?
>
> Or I have I drank too much beer tonight?
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>
> At 09:00 PM 9/2/2004, WA5JCI wrote:

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>> Easier than it sounds, tinkering can be fun!
>
>
> ---
> From the computer of Benjamin D. Hall, kd5byb@earthlink.net.
> Northern Alabama, USA.
>
>

Message-Id: <6.1.2.0.0.20040903083945.01e41640@vuse.vanderbilt.edu>
Date: Fri, 03 Sep 2004 08:40:59 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Re: Eliminating the 4H4, Maybe
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:21 AM 9/3/2004, you wrote:
>Hi Ben,
>I reckon you're right. I've just finished replacing a ballast resistor and
>so-called
>voltage regulator tube in an AM-65 - works far better than the original combo.
>73 de Brian, VK2GCE.
>   You suggested:
>   Since it is rare and hard to find, couldn't it be replaced by a
> solid-state

> voltage regulator (like a LM317T) configured as a current limiter?

Well, see, the filament voltage is AC and the LM317T is DC. You'd have to
fix that little problem first, but it would be doable.

I use a 6V6, and it need not have a red base or a black plate.

A. B. Bonds

Message-Id: <6.1.2.0.0.20040903090046.01a9c828@pop.earthlink.net>
Date: Fri, 03 Sep 2004 09:04:37 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "Benjamin D. Hall" <kd5byb@earthlink.net>
Subject: Re: Eliminating the 4H4, Maybe
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:40 AM 9/3/2004, A. B. Bonds wrote:
>Well, see, the filament voltage is AC and the LM317T is DC. You'd have to
>fix that little problem first, but it would be doable.

Ack!

I just *knew* I shouldn't post after having two beers! I remember thinking
as I hit "send" that there was something wrong with my little idea but I
couldn't think what it was! Duh, is my face red. :)

Kind of reminds me of my very first Boatanchors post back in 1995 or so
where I thought that the pilot lights on my Halli SX-24 were powered by DC. :)

>I use a 6V6, and it need not have a red base or a black plate.

thanks and 73,
ben

From the computer of Benjamin D. Hall, kd5byb@earthlink.net.
Northern Alabama, USA.

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Garey Barrell <k4oah@mindspring.com>,
        Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Eliminating the 4H4, Maybe
Date: Fri, 03 Sep 2004 15:04:09 +0000

Message-Id:
<090320041504.12422.413887E700095D0E000030862160376316 9A0E00CC0D99@att.net>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="NextPart_Webmail_9m3u9jl4l_12422_1094223849_0"

--NextPart_Webmail_9m3u9jl4l_12422_1094223849_0
Content-Type: text/plain
Content-Transfer-Encoding: 8bit

Thanks Garey, maybe some one will listen to you. If you guys want to
acomplish
something, why not just solid state the VFO? Russ.

-------------- Original message from Garey Barrell : --------------

> Ben -
>
> Yes, yes, yes and maybe! :-)
>
> National thought it was a good idea to begin with, and used the 4H4-C in
> the HRO-50/60's and NC-300/303. It regulates the filament current in
> the VFO and Mixer in the HRO's and the VFO only in the NC30x's. It was
> a problem child from the beginning, and since the 4H4-C was not a stock
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--NextPart_Webmail_9m3u9jl4l_12422_1094223849_0
Content-Type: text/html
Content-Transfer-Encoding: 8bit

<html>
```

```
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<BLOCKQUOTE style="PADDING-LEFT: 5px; MARGIN-LEFT: 5px; BORDER-LEFT: #1010ff 2px
solid">-------------- Original message from Garey Barrell <K4OAH@MINDSPRING.COM>:
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```

```
<BR>&gt; &gt;&gt; Seems like <BR>&gt; &gt;&gt; I had to change the 100K R31
resistor to 47 K to get it to oscillate, <BR>&gt; &gt;&gt; it's <BR>&gt; &gt;&gt;
been 15 years so give me a break, and nope, I'm not gonna get the <BR>&gt;
&gt;&gt; receiver <BR>&gt; &gt;&gt; down and take a look. <BR>&gt; &gt;&gt;
<BR>&gt; &gt;&gt; Easier than it sounds, tinkering can be fun! <BR>&gt; &gt;
<BR>&gt; &gt; <BR>&gt; &gt; --- <BR>&gt; &gt; From the computer of Benjamin D.
Hall, kd5byb@earthlink.net. <BR>&gt; &gt; Northern Alabama, USA. <BR>&gt; &gt;
<BR>&gt; &gt; <BR>&gt; </BLOCKQUOTE>
<!-- END WEBMAIL STATIONERY -->

</body>
</html>

--NextPart_Webmail_9m3u9jl4l_12422_1094223849_0--

------------------------------
From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Benjamin D. Hall" <kd5byb@earthlink.net>,
        Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Eliminating the 4H4, Maybe
Date: Fri, 03 Sep 2004 15:07:42 +0000
Message-Id:
<090320041507.16229.413888BD0007358E00003F6521603763169A0E00CC0D99@att.net>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="NextPart_Webmail_9m3u9jl4l_16229_1094224062_0"


--NextPart_Webmail_9m3u9jl4l_16229_1094224062_0
Content-Type: text/plain
Content-Transfer-Encoding: 8bit

Hey Ben,  come on over, we'll go to  the  Honky  Tonk Cafe and  have a few
813s to go  with  those  807s!  Russ.

-------------- Original message from "Benjamin D. Hall" : --------------

> At 08:40 AM 9/3/2004, A. B. Bonds wrote:
> >Well, see, the filament voltage is AC and the LM317T is DC. You'd have to
> >fix that little problem first, but it would be doable.
>
> Ack!
>
> I just *knew* I shouldn't post after having two beers! I remember thinking
> as I hit "send" that there was something wrong with my little idea but I
> couldn't think what it was! Duh, is my face red. :)
>
```

```
> Kind of reminds me of my very first Boatanchors post back in 1995 or so
> where I thought that the pilot lights on my Halli SX-24 were powered by DC. :)
>
> >I use a 6V6, and it need not have a red base or a black plate.
>
> thanks and 73,
> ben
>
>
> ---
> From the computer of Benjamin D. Hall, kd5byb@earthlink.net.
> Northern Alabama, USA.
>
--NextPart_Webmail_9m3u9jl4l_16229_1094224062_0
Content-Type: text/html
Content-Transfer-Encoding: 8bit

<html>
<!-- BEGIN WEBMAIL STATIONERY -->
<head><style type='text/css'>
p {
margin: 0px;
}
</style></head>
<body>
<!-- WEBMAIL STATIONERY noneset -->
<P>Hey Ben,&nbsp; come on over, we'll go to&nbsp; the&nbsp; Honky&nbsp; Tonk Cafe
and&nbsp; have a few </P>
<P>813s to go&nbsp; with&nbsp; those&nbsp; 807s!&nbsp; Russ.<BR></P>
<BLOCKQUOTE style="PADDING-LEFT: 5px; MARGIN-LEFT: 5px; BORDER-LEFT: #1010ff 2px
solid">-------------- Original message from "Benjamin D. Hall"
<KD5BYB@EARTHLINK.NET>: -------------- <BR><BR>&gt; At 08:40 AM 9/3/2004, A. B.
Bonds wrote: <BR>&gt; &gt;Well, see, the filament voltage is AC and the LM317T is
DC. You'd have to <BR>&gt; &gt;fix that little problem first, but it would be
doable. <BR>&gt; <BR>&gt; Ack! <BR>&gt; <BR>&gt; I just *knew* I shouldn't post
after having two beers! I remember thinking <BR>&gt; as I hit "send" that there
was something wrong with my little idea but I <BR>&gt; couldn't think what it was!
Duh, is my face red. :) <BR>&gt; <BR>&gt; Kind of reminds me of my very first
Boatanchors post back in 1995 or so <BR>&gt; where I thought that the pilot lights
on my Halli SX-24 were powered by DC. :) <BR>&gt; <BR>&gt; &gt;I use a 6V6, and it
need not have a red base or a black plate. <BR>&gt; <BR>&gt; thanks and 73,
<BR>&gt; ben <BR>&gt; <BR>&gt; <BR>&gt; --- <BR>&gt; From the computer of Benjamin
D. Hall, kd5byb@earthlink.net. <BR>&gt; Northern Alabama, USA. <BR>&gt; </
BLOCKQUOTE>
<!-- END WEBMAIL STATIONERY -->

</body>
</html>
```

--NextPart_Webmail_9m3u9jl4l_16229_1094224062_0--

From: "JAMES HANLON" <knjhanlon@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Crystal Source
Date: Fri, 3 Sep 2004 10:41:02 -0600
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-ID: <BAY4-DAV57R8Ce14mtS00020af6@hotmail.com>

Y'all,

I know this has been covered before but I didn't make notes. Please inform me of a source for FT-243 type ham-band crystals. I need to get a few Xtal controlled transmitters ready for the Classic Exchange this month.

Thanks,

Jim, W8KGI

Message-Id: <3.0.3.32.20040903174803.020c2f84@pop-server.nc.rr.com>
Date: Fri, 03 Sep 2004 17:48:03 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: NOS Coils/Forms for sale
Mime-Version: 1.0
Content-Type: multipart/mixed; x-avg-checked=avg-ok-566630E1;
boundary="=======4A5B5576======="

--=======4A5B5576=======
Content-Type: text/plain; x-avg-checked=avg-ok-566630E1; charset=us-ascii
Content-Transfer-Encoding: 8bit

I've still got some 4, 5 and 6 pin bakelite coil forms for sale.

If interested, details may be found at:

http://www.old-radios.com/ForSale.html

Thanks for your time!
John

--=======4A5B5576=======

Content-Type: text/plain; charset=us-ascii; x-avg=cert; x-avg-checked=avg-ok-566630E1
Content-Disposition: inline

Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.727 / Virus Database: 482 - Release Date: 7/26/04

--========4A5B5576=======--

Message-Id: <5.2.1.1.1.20040904170429.01de6cb0@wilma.widomaker.com>
Date: Sat, 04 Sep 2004 17:10:04 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Chuck Swiger <cswiger@widomaker.com>
Subject: Shelby fester
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi ALL - Shelby was a lot of fun this year. Spotted lots of tube gear, and picked up some
parts. No less than *3* Hallicrafters SX-42's going, a great looking R-390A and an Art-13 +
much, much more. I found one .25 cent booklet in a pile "Allied's Radio Circuit Handbook"
in great shape with schematic and discussion of the classics like the Space Spanner,
Wireless Broadcaster, a 50W cw transmitter, and - much, much, more.

--Chuck
kb4new

Date: Sat, 4 Sep 2004 20:37:58 -0400 (EDT)
From: AH7I <ah7i@atl.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Have a spare DM-28, if you need, write. Also looking for some TM's
 or shcematics on-line for ...
Message-ID: <Pine.LNX.4.58.0409042036210.21609@bama.edebris.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

R-105/ARR15
TDA
ATX-1
Thanks,

-Bob
ah7i

Message-ID: <20040905011558.89144.qmail@web51006.mail.yahoo.com>
Date: Sat, 4 Sep 2004 18:15:58 -0700 (PDT)
From: Meyer Gottesman <wrecktech@yahoo.com>
Subject: For sale: GP-7 tuning unit for 40 meter ham band.
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

For sale:

One rare bird! Tuning unit (Range "F") for Navy WW II GP-7 transmitter. This covers the entire 40 meter ham band.

Asking $100.00 firm plus shipping/packing charges FOB Warner Robins, Georgia, USA. Personal checks welcome and do not cause a delay.

TU is in perfect condition. Has tuned circuits for VFO and final tank circuit. Will load into a random length antenna.

Tel: (478)741-1710 in Macon, Georgia.

73,

Meyer Gottesman, W6GIV

____
Do you Yahoo!?
New and Improved Yahoo! Mail - Send 10MB messages!
http://promotions.yahoo.com/new_mail

From: WA1KBQ@aol.com
Message-ID: <d8.13da2daa.2e6c6631@aol.com>
Date: Sun, 5 Sep 2004 08:53:05 EDT
Subject: Re: Eliminating the 4H4, Maybe
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

For purists who just absolutely have to have the 4H-4C to maintain originality they are often available at the infamous electronic auction site. I've seen them sell recently for as little as $5 and usually not more than $20 there. Receivers I am aware of using the 4H-4C current regulator are: National's HRO-60, NC-400, NC-300, NC-303 and Hallicrafters SX-88. It is interesting to note the socket for the current regulator tube in early Hallicrafters SX-88s was labeled 4H4. Shortly afterwards they issued a bulletin which recommended substituting the 4H4 with 4H4C. One of the National manuals (don't remember which now) says the 4H4C may not be immediately available in some locations and a 6V6 should be used as a temporarily substitute until one can be obtained. It further states the 6V6 substitute will sacrifice current regulating quality but it will keep the receiver operating.

Regards, Greg Gore

End of BOATANCHORS Digest 3702
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